

We claim:

- 1 1. A promoter that is cotton fiber-specific, comprising the  
2 promoter of the cotton  $\beta$ -tubulin gene CFTUB2.
- 1 2. A promoter that is cotton fiber-specific, comprising a  
2 1433 kb fragment of the promoter of the cotton  $\beta$ -tubulin  
3 gene CFTUB2 having the sequence of SEQ ID NO: 2.
- 1 3. A promoter that is cotton fiber-specific, comprising a  
2 984 kb fragment of the promoter of the cotton  $\beta$ -tubulin  
3 gene CFTUB2 having the sequence of nucleotides 449-1433  
4 of SEQ ID NO: 2.